

Abstract:

*Sub B2*  
*B2*  
A method and a system for controlling a prosthesis such as an artificial limb. Electromyographic (EMG) signals are used to generate control signals for one or more  
5 prostheses such as artificial limbs. The electromyographic (EMG) signals are received by one or more sets of electrodes dedicated to a source of electromyographic (EMG) signals.

*B*  
10 By using dedicated electrodes, electromyographic (EMG) signals originating from well-defined sources may be picked up. Consequently, EMG signals stemming from a muscle which would be activated by a human being when this human being would move a part of his body, e.g. a limb or a part of a limb replaced by a prosthesis, may be detected, picked up and used to control the corresponding prosthesis or corresponding part of the prosthesis.

15  
  
(Fig. 4)

200230" 65569007